Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (original) A method for determining Cyclic Redundancy Check (CRC) parity of data, such data comprising a plurality of bytes, each one of the bytes having a parity bit, the plurality of bytes of data having a CRC, comprising:

generating the parity of the parity bits of the plurality of bytes of the data, such generated parity being the parity of the CRC of such data.

2. (currently amended) A method for performing a check of the parity bit of a Cyclic Redundancy Cycle Check (CRC) of data, such data comprising a plurality of bytes, each byte having a parity bit, such method comprising:

generating parity of the parity bits of the plurality of data bytes;

comparing such generated parity with the parity bit of the CRC of the data.

3. (currently amended) A method for determining Cyclic Redundancy Check (CRC) parity of data, such data having a byte parity bit bits, the data having a CRC, comprising:

comparing the parity of the byte data parity with the parity bit bits of the CRC of the data.

4. (currently amended) A method comprising:

receiving data having a plurality of N bytes: [D(0), D(1), ... ,D(N-1)]] each byte D(M) having a parity bit p P(M);

computing the parity of [P(0), P(1), ...P(N-1)].

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5. (currently amended) A method for computing parity, p, of the Cycle Redundancy ~~Cycle~~ Check (CRC) of data protected with such ~~(CRC)~~ comprising:

receiving data having a plurality of N bytes: [D(0), D(1), ... ,D(N-1)]} each byte D(M) having a parity bit ~~p~~ P(M);

computing the parity of [P(0), P(1), ...P(N-1)], such computed parity being equal to the parity p of the CRC.

6. (currently amended) A method for determining a parity, p, error of the Cycle Redundancy ~~Cycle~~ Check (CRC) of data protected with such ~~(CRC)~~, comprising:

receiving data having a plurality of N bytes: [D(0), D(1), ... ,D(N-1)]} each byte D(M) having a parity bit P(M);

computing the parity, PP, of [P(0), P(1), ...P(N-1)];

comparing the computed parity PP with the parity p of the CRC, a difference between PP and p indicating an error in p.

7. (currently amended) A method for determining a parity error of the Cyclic Redundancy ~~Cycle~~ Check (CRC) of DATA, such DATA comprising a series of data words terminating in a CRC portion, such method comprising:

receiving data having a plurality of N bytes: [D(0), D(1), ... ,D(N-1)]) each byte D(M) having a parity bit ~~p~~ P(M);

computing the parity of [P(0), P(1), ...P(N-1)];

comparing the computed parity with the parity of the CRC, a difference between the computed parity and of the parity of the CRC indicating an error in the parity of the CRC.